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THE FOCAL SPOT

CANADIAN SOCIETY OF RADIOLOGICAL TECHNICIANS

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CALGARY BRANCH

Since the last issue of The Focal Spot we have experienced a great loss in the death of Mr. H. M. Welch. Bert was a pioneer, both in forming the Alberta Society and the C.S.R.T. We will all miss him greatly here as I know all his friends across the Dominion will, for he was one of the main pillars of our Society. His name will live forever as one of the founders of the C.S.R.T.

ANNUAL CONVENTION

The past few months have seen much activity in the planning for the Alberta Division C.S.R.T. Annual Convention. This planning finally culminated in "oilers" from Edmonton and delegates from various other parts of the province descending upon the "Oil Capital of the World"—Calgary. There the usual round of business meetings and fine lectures were enjoyed. On the entertainment side an excellent banquet and dance were held Friday night and on the following Sunday a good time was had by all at "Banff the Beautiful". This trip brought to a close a very successful convention.

—YVONNE CLARKE, R.T.,
Sub-Editor.

EDMONTON BRANCH

The Edmonton Society met February 5th, 1951, at the Misericordia Hospital. The Education Committee announced that back issues of *The Focal Spot* had been obtained and the volumes are being bound. These are to serve as references for all technicians desiring to use them.

Dr. M. Weinlos gave us an enlightening talk on Civil Defence, outlining some of the steps to be taken if there were an air attack.

At our March gathering an x-ray technicians' pledge was discussed. This was put forward as a resolution to be presented at the Alberta Convention.

After the business session Mr. George Dupré, formerly of the British Intelligence, was our guest speaker. He told of some of his experiences in Europe during World War II. Mr. Dupré's talk left us with an idea of what it is like behind the lines in a war.

Our April meeting found everyone enthused about the coming Provincial Convention at Calgary.

The merits of having students come in for training at a specific time of year was discussed. If it could be arranged so that their training co-ordinated with the lectures it would make for less confusion. This was left to be discussed at the convention.

During lunch Mr. C. Godwin showed a number of radiographic films; freak films, good films, bad films, which drew many comments. It was most interesting from a technical standpoint and Mr. Godwin's commentary was very enjoyable.

Saturday evening, April 7th, the ways and means committee held a dance and small raffle at the Highlands Community Hall. Oh! those square dances! There are some who still carry the scars.

About fifteen Edmonton technicians were able to get away from their duties and attend the Alberta Convention. Calgary is to be commended on a very worthwhile program, both scientific and social. All who attended from here enjoyed the convention and reported a wonderful time in the "Oil Capital".

Congratulations are extended to Miss Lois Kennedy upon her recent marriage. We also hear there are several other weddings in the offing. Must be spring!

Holidays are just around the corner and I understand there is a weiner roast planned for Monday night to put the finishing touches on our gatherings for the summer. See you next fall!

—MARIE LACEY, R.T.,
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BRITISH COLUMBIA DIVISION C.S.R.T.

The highlight in British Columbia was the first Annual Meeting of the Society which was held in Victoria on Saturday, February 24th. About twenty technicians from the mainland journeyed over on the night boat and were met by the Victoria members at the boat and driven up to St. Joseph's Hospital Nurses' Auditorium where the meeting was held. As Victoria was the host branch their president, Mr. F. C. Barker opened the meeting with a few gracious words of welcome and expressed the hope that the meeting would prove to be successful. Dr. Murphy and Dr. I. C. C. Tchaperoff expressed the delight of the Victoria radiologists in having so many visitors at this first meeting and also hoped that it would be a success. Immediately following the introductory remarks the B.C. President, Mr. S. Mel Smith, took over the meeting and work got under way. Reports of all committees were given and the large part of the day was taken up with a discussion of the B.C. Constitution and By-laws. Owing to the time involved in the constitution it was not possible to arrange for many educational features. However, Dr. Tchaperoff gave a very interesting and instructive lecture during the afternoon session and this was much appreciated. A luncheon given by the Victoria Branch was much enjoyed and made a nice break for all of us. The election of officers for the ensuing year took place and Sister Mary Loretto was elected President; S. Mel Smith, 1st Vice-President; Mr. J. C. Saunders, 2nd Vice-President; Miss McMillan, Treasurer; Mrs. Hood was reappointed as Secretary; Mr. Stirling was reappointed Director for British Columbia.

After the meeting concluded we all travelled out to the Olde English Inne where a lovely dinner was served in sixteenth century surroundings. Mr. Stirling was in the chair and stated how much had been accomplished and how this meeting had done much to cement the friendship existing between the two branches. Dr. H. M. Edimison was the guest speaker and his discourse proved to be one of the most entertaining and witty lectures it has been our lot to hear. He had everyone present almost rolling off their chairs. He received a wonderful ovation on completion of his remarks. Dancing took up the rest of the evening until it was time for the Vancouver members to leave in order to catch the night boat.

The consensus of opinion was that the meeting was an entire success from every viewpoint and should be the forerunner of many happy events of a like nature.

Meetings were held in Victoria in March and April and on both occasions Mr. Len Martin showed interesting movies. At the March meeting the delegates gave reports of the Annual Meeting and stated how much it had done for the good and welfare of the B.C. Division.

Meetings in Vancouver have been well attended lately. In February Dr. Trapp gave us a talk on her visit to the International Meetings in Paris and London which was most enjoyable. At the March meeting Dr. Spiro spoke on Opaque Media and this also proved most instructive. The April meeting was addressed by Dr. R. D. Nash who spoke on changes in cell structure due to x-radiation. We are very grateful to the radiologists who so willingly give their time to bring us words of wisdom and advice.

Mr. F. C. Barker and Miss Corrie Chard, the branch presidents, are doing hard work in trying to make meetings interesting and are achieving considerable success along this line.

Mr. J. C. Saunders has resigned as Vancouver Island reporter for this magazine and I would like at this time to express my thanks for his welcome contributions in the past.

Miss Mary Harrison has returned from a year's tour of the important x-ray centres in the U.S. and Britain and we are looking forward to a talk from her in the near future.

The Vancouver Branch is holding a party on Hollyburn Ridge on May 18th. The members will travel up to the Lodge on the ski lift and this promises to be a happy and well attended affair.

—W. Q. STIRLING, R.T.,
Sub-Editor.

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MANITOBA DIVISION C.S.R.T.

The annual graduation banquet and dance in honor of the Manitoba Division graduates of 1950 was held February 9th at the St. Charles Hotel in Winnipeg. It was well attended and thoroughly enjoyed by everyone. Mrs. M. Reid presided and Dr. R. O. McFarlane, Deputy Minister of Education for Manitoba, was guest speaker and gave a most enlightening address on educational standards. Dr. A. W. McCulloch delivered a very encouraging speech to the graduates, urging them to pursue still further their studies in their chosen field of work. Mr. Hugh Solvason, valedictorian, thanked the instructors for the infinite patience shown to the students during their training period. It is most pleasing to see the efforts put forth by all concerned so thoroughly appreciated. This is the second graduation banquet we have had for the graduating class and they have both been exceedingly successful.

We have had some very interesting speakers at our meetings these past few months.

Mr. C. J. Bodle, one of the pioneers of both the Canadian and American Societies, told us about many of his experiences in radiography in the early days before shockproof apparatus was used. He still has some of the old plates and brought them along to show us, the "newcomers" of radiography. As we use our modern machines and films to-day it is hard to realize the effort and inconvenience that was necessary in those days to produce what we consider simple films.

At the March meeting, Dr. J. M. Huot was kind enough to show an unusual film concerning lung diseases. These movies were taken by Dr. Hollinger, lung specialist of Chicago, Ill. The camera used to obtain these pictures was specially designed by Dr. Hollinger himself. By means of these perfectly exposed color movies we had the unusual privilege of peering through a bronchoscope, with perfect ease, and witnessing the locating of tumors and foreign bodies such as peanuts, safety pins, etc., in the human bronchial tube. Dr. Huot explained many of the different lung conditions and the type of treatment given.

Dr. H. D. Morse, urologist of Winnipeg, attended our April meeting and explained many of the abnormalities of the upper urinary tract. He accompanied his talk with slides, illustrating their appearance as we see them on our radiographs. Dr. Morse explained the manner of diagnosis, treatment and effect in each case. He also informed us of the type of radiograph he believed most helpful in his work.

Mr. Doern announced recently that the hope of mutual recognition of certificates between the C.S.R.T. and the U.S. Registry will be realized before too long a time. This is a question that has been under discussion for some time now, and it is good to hear that progress in this direction is at last being made.

Members of the C.S.R.T. were greatly shocked to hear of the death of one of our leading members, Mr. H. M. Welch. Our deepest sympathy goes out to his family.

Plans for the annual convention to be held in Winnipeg this year are progressing steadily. Many committee meetings have been held and most of the difficulties encountered have been discussed and ironed out so far. Manitoba members are certainly looking forward to the opportunity of being hosts to the many visitors to Winnipeg in September.

A theatre night has been planned for the evening of May 23rd in order to aid with the finances of the convention. The Uptown Theatre in Winnipeg has been reserved and door prizes will be given. Our members are enthusiastically selling these tickets and making every effort to make this a successful venture.

Best wishes are sent to Miss Joan Houghton on her recent marriage to Mr. George Williams.

Mrs. Shirley Skelly (Ingram) has returned from a visit to the U.S. and is now with the Winnipeg Clinic. Miss S. MacLean has transferred from the Winnipeg to the Manitoba Clinic and Mr. Hugh Solvason is now at Portage la Prairie. Mrs. C. Coulson is now working at Dr. McIvor's office. Rumor has it that Frances Taylor has been shot by Cupid.

Miss Marjorie Fortune is going to the Bigelow Clinic at Brandon and her position at the Manitoba Clinic is being filled by Margaret Palmer of W.G.H. Good luck to all you people.

—OLIVE GUNDRUN, R.T.,
Sub-Editor.

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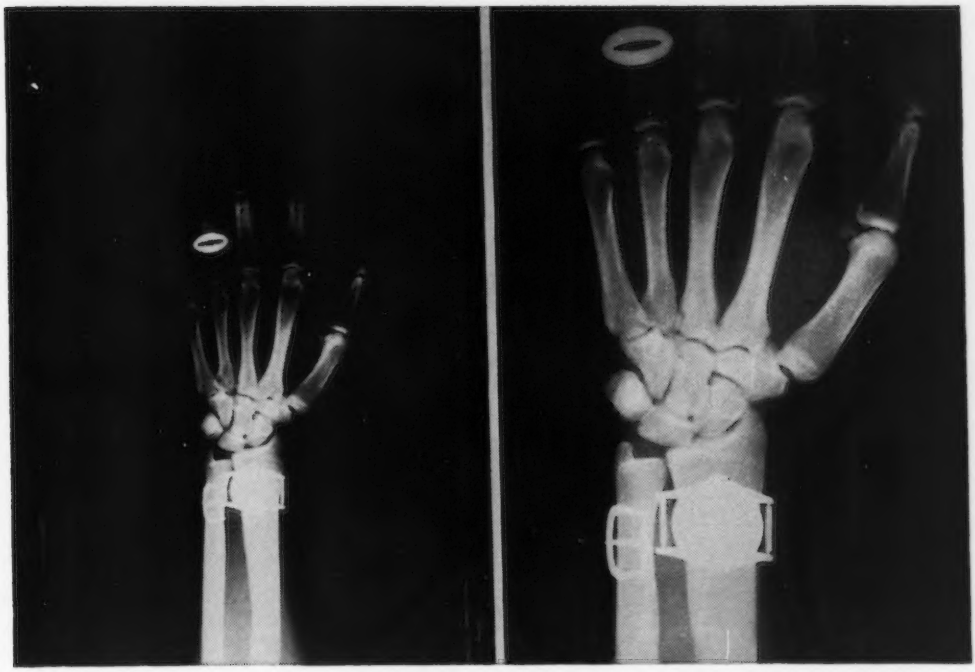

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Volume 8 — *TORONTO SPRING 1951* — *Number 2*

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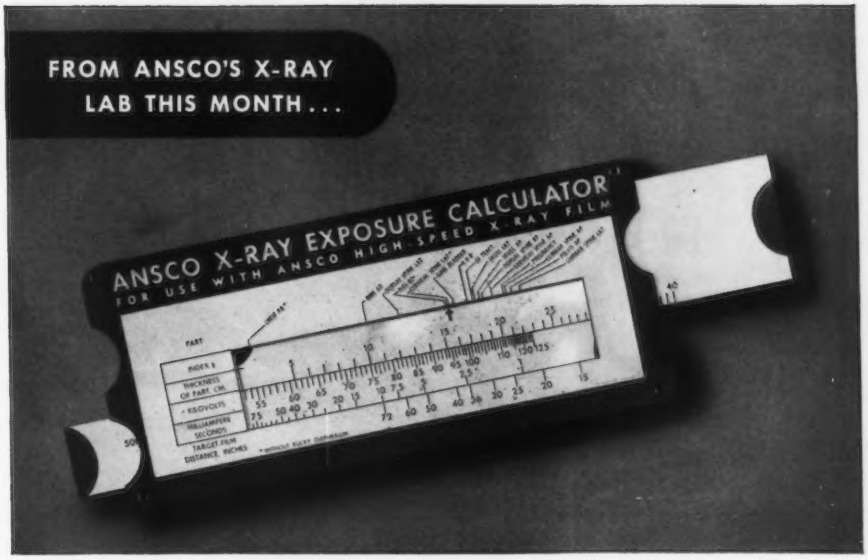

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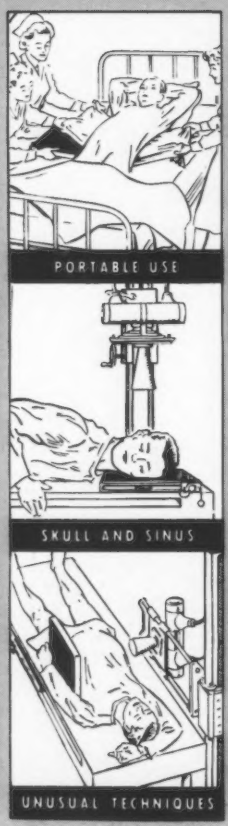

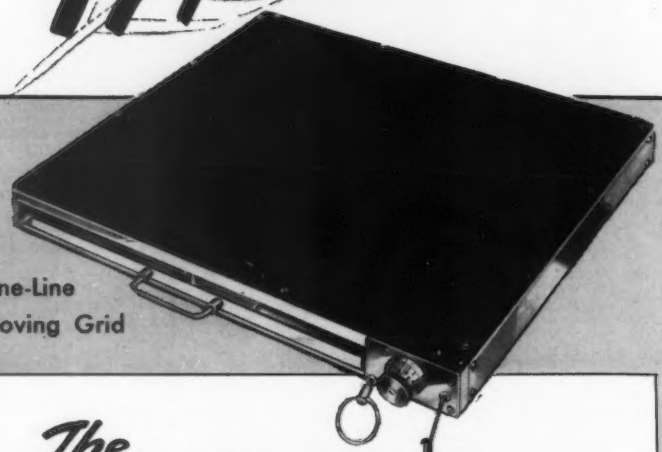

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The Focal Spot

Journal of the Canadian Society of Radiological Technicians

EDITOR
LESLIE J. CARTWRIGHT, R.T.

"All our ambitions should be devoted to a faithful fulfilment of duties towards others as well as to ourselves."—Roentgen.

Volume 8 TORONTO SPRING 1951 *Number 2*

Simplified Roentgenography of Smith-Petersen Nailing

By VIRGINIA K. STEVENS
St. Joseph's Hospital
St. John, N.B.

FRACTURE of the neck of the femur has always presented a challenge to the surgeon, but it is only comparatively recently that it has become a problem in radiology. Accordingly, the role of the x-ray technician has assumed great importance.

In the majority of cases, fracture of the femoral neck occurs in elderly individuals, and in former years it frequently meant the equivalent of a death sentence. There was often non-union of the fragments, even despite the long period of treatment, which involved reduction, followed by immobilization in plaster. Because of the discouragingly long confinement, complications often ensued, such as pneumonia and general toxicosis.

Little progress was made in this field for years. Although various types of internal fixation were used, among which were square nails, round nails, and screws, their use was not attended with much success.

It was in 1925 that Smith-Petersen of Boston devised the three-flanged nail. Following his publication in 1931, his idea met with wide acclamation. It is the stainless steel, three-flanged nail of Smith-Petersen that is now accepted as the most satisfactory means of internal fixation; this method is the only one which prevents rotation of the fragments. Subsequent improvements have so simplified the nailing that it is now possible to place the pin, with almost mathematical precision, in the remarkably short time of less than sixty minutes. This procedure employs some form of x-ray control, for instance the one described described herein. The results have been highly gratifying; aged patients are able to walk in a short time, and the danger of complication is appreciably diminished. Moreover, good position of the fragments is maintained, as shown by subsequent radiographic examinations.

The purpose of this paper is to present a simplified radiographic procedure. The one described here has been used in St.

Presented at the Annual Meeting of the New Brunswick Society of X-Ray Technicians, Saint John, N.B., May, 1950.

Joseph's Hospital during the past twelve years. The great advantage of this method is that it does not involve any special apparatus except a small, easily made angle board, which will be described later. The angle board was devised by Dr. E. A. Petrie.

According to one of our staff surgeons, Dr. George F. Skinner, hip nailing is chiefly indicated in cases of fracture high in the neck of the femur, when the head has been severed from the neck, therefore cutting off the blood supply from the head.

In radiography of the hip, as in any other roentgenographic procedure, precise knowledge of the anatomy of the part is essential. A brief description of the femur, including the hip joint, follows. The femur is the longest and strongest bone of the body. Its proximal end consists of a head and neck, and two large eminences, the greater and lesser trochanters. The head is smooth and rounded, and is received by the acetabulum, a cavity in the innominate bone. The head is connected to the shaft by the neck, which extends to a base at the shaft. The neck extends medially and upward. Between the neck and the shaft are found the trochanters, the greater at the upper lateral portion of the shaft, and the lesser at the posterior medial part.

In the operating room, the following apparatus is used. An ordinary wooden tunnel is placed on the table, and the location of a 10x12 cassette lengthwise in its tray is ruled off with lines on the tunnel above (Figure 1). The iliac crest should be exactly superimposed over the lines drawn for it on the tunnel.

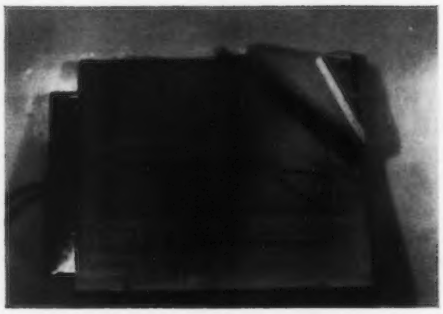

Fig. 1

The special angle board consists essentially of a wooden base in the form of a right-angled triangle, the other two angles being of 45°. A vertical portion is joined to the 45° edge in the form of a simple, flanged piece of aluminum which forms a groove for the grid and cassette. The exact dimensions are unimportant, but it is essential to have the right-angled corner of the angle board in exact opposition with the corner of the tunnel. This automatically holds the cassette at a forty-five degree angle to the side of the table which will be approximately parallel to the long axis of the femoral neck. The use of the angle board in placing the cassette permits exact duplication of the lateral view, regardless of the number of sterile drapes covering the field.

Before the arrival of the patient, the usual primary factors are determined in the operating room. Particular care must be exercised in testing the voltage, for a line drop could render a roentgenogram diagnostically valueless. The portable unit is centred over the tunnel and locked in a fixed position to be maintained throughout the operation. Accurate centering of the tube may be accomplished by a series of simple steps. For the AP,

first, the tube head is extended to the end of the arm. Therefore, the tube stand will be far enough from the table to allow placement of the tunnel. Second, the central ray is directed to the centre of the film. Again, for the lateral view, first, the arm of the mobile unit is swung back toward the patient's feet ninety degrees, to be parallel with the side of the table. Second, the tube is lowered to the height of the table. Third, the arm of the tube is then rotated ninety degrees from the horizontal to vertical. Fourth, the tube head is angled forty-five degrees toward the patient's head, and fifth, slid back five and one-half inches toward the stand. This brings the central ray to the centre of the film. (Figure 2.)

Fig. 2

Throughout the operation, the patient remains supine, and the involved leg is kept internally rotated and moderately abducted. For the lateral projection, the uninjured hip and knee are held flexed by an assistant, at right angles. The cassette is placed lengthwise, with its upper border just above the crest of the ilium and pressed well into the flank. The cassette is made parallel to the neck of the femur by arranging the angle board so that the sides of its base form a corner on the tunnel, as described previously.

In positioning the patient and film, provision must made for the Engel-May guide. A four-inch margin is allowed on each radiograph. (Figure 3.)

Fig. 3

Following reduction of the fracture, films are taken in both AP and lateral projections. Their purpose is to determine the degree of success of the reduction. After development, radiographs are immediately brought to the operating room viewing box for inspection by the radiologist and surgeon. Should the alignment of the fragments prove unsatisfactory, the reduction is repeated and subsequent films taken.

Actual surgery now begins. When the Engel-May guide has been placed, an AP film is taken, following which a Kirchner wire is driven in a selected spot, and the guide rotated ninety degrees. A second wire is introduced and a lateral view made. Still another Kirchner wire is then inserted, the correct position of which has been determined by the other two. Its position is checked in the aforementioned two radiographic projections. If the radiologist and surgeon are satisfied that this last wire has been directed at the

desired angle through the femoral neck, the actual Smith-Petersen nail is placed over the Kirchner wire and driven home. Final check is determined by roentenograms in both AP and lateral planes. The only criterion of the complete accuracy of the procedure is radiography.

At this point, attention is turned to the processing room, which should be as close to the operating room as possible. The solutions are mixed early enough so that the temperature is correct at the time of the operation. To shorten developing time, x-ray replenisher is used instead of ordinary developer, and for further speed, solutions are maintained at eighty degrees. In the finished roentgenogram, quality is sacrificed for speed. These special processing conditions permit a combined developing and fixing time of only one and three-quarter minutes. A small tank is preferable to the tray method. Provision is made for hot and cold running water, when possible, for temperature regulation and film rinsing. One safe-light is sufficient for the size of the room. Several 10x12 and 8x10 cassettes are placed ready for use, and hangers of the same size are kept near the bench. Every detail of dark room arrangement must be planned to facilitate rapid processing.

A brief technical consideration will follow. The setting of the radiographic technique must not be based solely on part thickness. Other factors are involved. For instance, in the lateral view the uninjured leg must be supported, and despite every effort on the part of the assistant at complete steadiness, there may well be slight motion. Therefore the exposure should be as short as possible, which means a compensating rise in voltage.

It may be noted that since Smith-Petersen patients are usually elderly, it naturally follows that the osseous structures have been decalcified. By this condition, they are rendered more penetrable to x-rays, and therefore the exposure time is less than that required for the more opaque bones of younger people.

Since every phase of radiography during a hip-nailing operation is carried out under strict aseptic conditions, the technician must have some understanding of this technique, in order to insure that there will be no contamination.

Teamwork between the technicians is of vital importance. Two technicians take part. The duties of one lie in the operating room, arranging the equipment, positioning the patient, setting the exposure factors, and making the exposures, while the other technician attends to the processing of the films. An efficient system must be worked out between the two and carefully adhered to.

Technicians must be most careful to observe the rules of protection against radiation, here as well as in the department. For instance in the lateral view, the technician must never hold the uninjured leg, due to the amount of secondary radiation.

In conclusion this paper has presented a roentgenographic procedure for Smith-Petersen hip nailing surgery. Each step has been dealt with and the equipment described. The special feature which has been purposely emphasized is the angle board, which simplifies the procedure by

providing a quick and almost infallible means of duplicating the lateral view, so simple that even the student technician may take part in Smith-Petersen radiography. By reason of the co-operation between radiologist, surgeon and technicians, together with the use of the angle board, speed and accuracy, both so essential in surgery, may be attained.

Note: Grateful acknowledgment is made to Dr. E. A. Petrie for his valuable assistance in the preparation of this paper.

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The Patient Factor and the Technician

By CHAS. BRUCE,
Regina, Sask.

IF we let our minds wander back a few years, we can all recall, perhaps with some misgivings, our first lessons in algebra. In most of those algebraic problems we were confronted and often confused by a small character called "X," the unknown quantity. To-day, as technicians and student technicians, we very often find ourselves in the course of our duties facing another unknown quantity, the patient factor.

Unfortunately, the proper methods and best techniques to apply in dealing with patients are not to be found in most of our radiographic hand books. It is an ability which must be acquired. A wealth of technical know-how—the best equipment with which to work is of little value if the technician fails to fit the patient into the "scheme of things," as it were, in such a way that he can apply his knowledge and make proper use of the facilities available. Dr. Gradwohl stated as follows in an address to a graduating class of x-ray technicians from his school in St. Louis:

"We have endeavoured to instruct you in and familiarize you with the accepted methods of modern radiography. You have all measured up to our standards in every respect. Whether you will leave this school and become successful technicians depends upon yourselves alone."

Dr. Gradwohl could well have been referring to the fact that studying from books, memorizing routine positions from photographs or radiographing, and posing subjects will not assure us of eventual or lasting success. The ability to solve and master the human factor in each and every situation may be the last, but is by no means the least prerequisite of the finished technician.

Patients are more observing than many technicians realize. The doctor making an excellent impression personally may run the risk of having it destroyed later when he sends his patients to the x-ray department. The appearance and efficiency of our departments counts heavily with most patients, usually they have ample time to make observations while waiting to be x-rayed. What they see may create an impression of success or failure, efficiency or carelessness, friendliness or indifference, cleanliness or neglect. They may decide in our department whether or not they wish to entrust their health to some particular doctor or to the institution in which they find themselves.

It is a failing of most of us not to see ourselves in our surroundings as others see us. Day after day we come to work in our departments and become so accustomed to things about us that they have no significance—right or wrong; so busy are we with the tasks at hand. Our radiographic rooms may be in disarray, we are not conscious of gowns lying rumpled or dirty about the dressing rooms or sheets and pillows strewn and draped at random upon the x-ray tables. Dog-earned and torn magazines may clutter the tables and chairs in the waiting room but they go unobserved. Slamming of doors, loud talking, whistling may sometimes be heard. Any of these things are objectionable to sick or worried people, many of whom are perhaps nervously upset any-

way. These conditions all influence the patient factor in radiography and it is our duty as technicians to see that they do not occur.

We, as technicians, should be happy that our work is not the bare cold and calculating product of science that it appears to be. We are brought into contact with people from all walks of life, representing many nationalities and religions. The wealthy and poor sit side by side in our waiting rooms and people of varying degrees of intelligence and culture await their turn. Each is an individual with personality, ego and complex, until at last the probing eye of the x-ray reduces them to their physical common denominators.

From the time we pick up the x-ray requisition and observe the name and requirements of the patient, we should realize that, regardless of the examination required, be it simple or difficult, routine or otherwise, unless we have radiographed the patient before, we are treading on strange ground as we are about to meet a new personality—one that may require a different approach from any patient we have x-rayed before.

In the instant we greet the patient, impressions are formed. In a few moments of action and conversation, we should size up the person. Language difficulties, hearing defects and nervous symptoms should be looked for and noted. In the case of injuries, immediate assistance should be afforded the patient, if necessary. With children, the parent or guardian should be addressed first, with a kind word of greeting to the child afterward. Never try to take a child from its parent in the waiting room. Allow the parent to conduct the child to the radiographic room and do most of the preparing. Children, particularly when injured, are difficult subjects. Often it is advisable to have the parent leave the room entirely and once this never failing source of sympathy is removed, the child will often become calm long enough to complete the procedure.

One of the most important considerations in radiographing patients is inducing them to relax. Good results without relaxation are next to impossible. Fear is often the main cause of rigidness in patients. Small children express their fears more eloquently; adults do so by generally tensing up all over. The result of tension can sometimes be observed in gastric patients by the spastic condition that occurs in their stomachs. The very tense patient can usually be induced to relax by placing them in the most comfortable position possible and assuring them that the examination is quite harmless. Sometimes leaving the patient alone on the table for a few minutes will help.

In our relationships with patients, we should not be overly effusive nor too familiar, but always kindly. Most patients respond promptly to a warm, friendly manner. This is in contrast to an irritable, even insolent manner. It is possible to become so calloused to one's surroundings that patients are a source of annoyance. People will simply refuse to accept such treatment and the results will soon become evident.

The technician should assume an air of quiet confidence when working with patients; this helps greatly in making the patient feel at ease. The impression that they are being efficiently dealt with always pleases the patient. In connection with this, the technician should never

proceed with an examination that he has never attempted before, or one that he or she has little knowledge of. This is certain to lead to hesitation and bungling. The effect this has on the patient is a very adverse one—in some cases they are paying for professional work and expect to receive it. We should never hesitate to call on assistance in such cases. Our pride may call out against asking for help, but the feelings of the patient should come first. They do not mind, in fact they are often flattered that their case is important enough for you to bring in another technician for advice. If we lose our patients' confidence, we lose their co-operation; consequently time is lost and the finished radiograph may be anything but desirable.

Sometimes personality is stressed too much as a factor in dealing with patients. There is no doubt that the indefinable quality of personality must be considered —some technicians seem to work with all patients without effort. Personality can be measured by the extent to which the technician is able to interest and influence the patient. The technician who indicates a deep interest in patients will, by his devotion, overcome deficiencies in his personality. He will, by a friendly and understanding manner, win their confidence and co-operation. No technician need feel that success is beyond his grasp because of his personality.

By acknowledging that the patient is the most important single factor in our work, and bending all our efforts towards attending them in an efficient and proper manner, we shall certainly gain greater recognition and satisfaction for ourselves and do more to further the great work of the profession in which we serve.

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See last issue of The Focal Spot for full list of Convention Officers. Space limitation permits only a few to be reprinted here:

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DO NOT DELAY

as the hotel has many activities booked for September

Herbert M. (Bert) Welch, R. T.

1888 - 1951

A Tribute

IN the recent death of our good friend Bert Welch the C.S.R.T. has suffered the loss of one of its ablest officers and staunchest supporters. His actions were always keyed to what he considered necessary and beneficial to the organization. There was no selfishness or thought of personal gain in his efforts to bring the Society to a position of National importance and prestige. He fought the good fight in every way and it is most gratifying to note that most of his suggestions have been adopted with resulting good for all the members. He was a familiar figure at all conventions, always armed with facts, figures, and a happy and charming smile. On the floor of the convention he was a hard hitter, a clean fighter, and above all a generous loser. Away from the arena he was always surrounded by a host of admiring friends, all of whom can testify to his high standards and his love for Right and Truth.

Bert was born in Ashton-under-Line in 1888 and came to Canada in 1908. He took up ranching in the new land although he had been trained as an electrician in England. On the outbreak of war in 1914 he immediately joined up and proceeded overseas with the Engineers. His talents as an electrician were used in the installation of x-ray units for the Army and it was in this way that he became interested in what later proved to be his life's work. On returning to Canada after the war he took training in Toronto in x-ray and joined the staff of Col. Belcher Hospital in Calgary where he remained until his death on March 24th. His activities in Calgary were many. He was active in the Amalgamated Civil Servants of Canada. He took an active interest in the Overseas Association and six of the surviving members of that organization were his pallbearers. He was instructor in First Aid to the Calgary Police, the R.C.M.P. and Army teams. He was a member of the Board of Stewards of Hillcrest United Church and was envelope secretary for over twenty years.

He attended the Vimy Pilgrimage in 1938 and acted as Standard Bearer for Calgary. He was an ardent amateur gardener and won many prizes for his floral contributions at shows. When one notes that he was also an enthusiastic lawn bowler, a patron of the Caledonian Football Club and a supporter of the Calgary Stampeders and the Calgary Hockey team, we can all realize that he lived a full and happy life.

To those of us who had been closely associated with Bert for many years, his passing is a tragic loss. His friendship was a golden treasure, his honesty a talisman, and his love for the C.S.R.T. and all that it stood for, a bright beacon whose beckoning light never found him wanting in his devotion to the duties of the positions held in it.

No words here penned can adequately pay proper tribute to the memory of one who was respected and beloved by all officers and members of the C.S.R.T. from Coast to Coast.

To Mrs. Welch and the members of the family we extend our sincere and profound sympathies in the loss of an exemplary husband, a beloved father, and adored grandfather. We shall not meet his like for a long, long time to come.

W. Q. STIRLING.

Address to 1951 Graduating Class Manitoba X-Ray Technicians

by A. W. McCULLOCH, M.D.

THE honored members of your society to-night are the new graduates and it is to them that these words are directed.

On Graduation, their formal instruction comes to an end. Then a development commences in their careers which will reflect more of the individual. No longer will there be that close supervision that exists as students. An opportunity then presents itself for that graduate to produce his craftsmanship which goes out to the world as his or her product—the radiograph. Then let it be a masterpiece.

Apart from the technical abilities already acquired on graduation the technicians must always continue to advance. He or she must always endeavor to keep abreast of the times; be interested in new techniques, positions, machines, etc. This implies reading and study. One either progresses or retrogresses; there is no stationary position.

Modern Medicine is no longer the lone physician attending his patient but rather a medical team made up of not only the physician but also the x-ray department, the bacteriological laboratory, the biochemistry laboratory, the pathological laboratory, the consultants, etc. You are a part of this team. It is your duty to your patient to produce the best possible radiograph so your radiologist can give the best possible opinion. Your part of the team must be strong.

On completion of your course, the time has come when you are to go out to another x-ray department. It is possible with your new position the equipment is neither as complete nor as new as the department where you trained. Under these circumstances, one may be inclined to be satisfied with inferior workmanship when technical possibilities are reduced. Nothing but the best possible should satisfy you under these conditions.

Once the radiograph reaches the envelope, this is not where it dies and is buried forever in the files but it may be displayed many times; firstly, to the radiologist, then possibly, to the attending doctor. If it arouses sufficient interest, its display may reach any proportions so that it is viewed by other radiologists, other doctors, specialists, medical meetings, conventions, and even may win world-wide and permanent record in the form of a reproduced radiograph in a book of international interest. It is, therefore, so obvious from your point of view that it be a masterpiece and that you are proud of it.

Your films viewed on a viewing box are an exhibition of your skill and art and it is on them that your reputation is made. For your own personal gain your radiographs must advertise you as the best technician to-day. Should they do this much for you, your success is assured. Mark Twain once wrote, "Let a man build a better mouse trap and the world will beat a path to his door." Likewise the ability to produce and the production of these radiographs will have x-ray departments everywhere seeking your services.

There is another phase of your work which concerns your success and reputation and that is your personal association with your patient. I think an all-inclusive rule in this regard is that universally known Golden Rule taken from the Bible and simply stated as, "Do unto others as you would have others do unto you."

Think of yourself always in the patient's position. They come to you sometimes tired and ill; they may be irritable or frightened. These conditions you must sense and use the kindness, patience and sometimes physical assistance they may need. When you speak to them address them as individual people who, individually, you are interested in helping. Be conscious of their modesty—both men and women. Give them a gown whose proportions are adequate. Do not forget a sheet over a patient scantily clad is a must. You, yourself, would be mortified in their place. Remember a blanket for your pyelogram patients in the coolness of winter, the spring or fall. It is often these thoughtful considerations your patients take away and remember about you. You will meet again, so let that meeting arouse grateful, pleasant memories when it does occur.

One other consideration toward your patients is their time. When busy people have taken the trouble to make appointments, make a special effort not to keep them waiting unduly.

With your intensive study for your course, the skill you have acquired and from what you will learn by experience, bearing in mind these few but important principles, I am sure your future in your profession will be crowned with success and happiness.

WINNIPEG

THE 1951 CONVENTION CITY

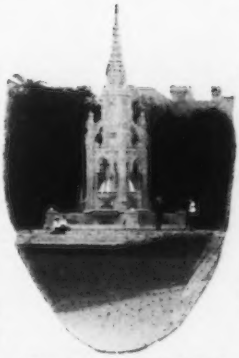
ROYAL ALEXANDRA HOTEL

SEPTEMBER 12th—15th

WINNIPEG, "The Gateway to the Golden West," is the scene of the Ninth Annual General Convention of the C.S.R.T. This is Winnipeg's second convention; the first was held in 1944. It was said that the meeting of '44 was a tremendous success, but it is our hope that this coming convention will be more successful than ever.

True, we were ravaged by flood waters last year, but that is only a memory now and we are back to normal, and awaiting our fellow technicians from coast to coast with a hearty western welcome.

Historical data concerning our fair city begins in the days of Indian trails. In 1873 Winnipeg was a small settlement of 1,869 people, and it was on November 8th of that year that Winnipeg was incorporated as a city. To-day, it is a flourishing metropolis of 450,000 inhabitants and the fourth largest city in the Dominion of Canada.



Fountain in Central Park

In the early fur-trading days transportation was chiefly by boat. So it is natural that the heart of the city is located at the forks of the Assiniboine and Red Rivers. In 1878 a steam railway connecting Winnipeg with the United States was built. Several years later the first locomotive, "The Countess of Dufferin," was brought by barge and rail from Minneapolis. To-day the west's old iron horse is stabled in quiet retirement among the trees and grassland, still within earshot of the rushing trains, in front of the C.P.R. Depot.

Nineteen fifty-one Winnipeg is a far cry from the ox-trails of the 1870's. To-day visitors are greatly impressed with our modern wide streets. They are so wide that a pedestrian leaving one curb, when the light turns green, has to walk at quite a pace to reach the opposite curb before the lights change and allow an avalanche of cars to descend upon him. Consequently many have acquired the bad habit of darting back and forth whenever they please and in so doing have earned the well known title, "The worst jay-walkers in the world."

Portage and Main is one of the busiest corners in Winnipeg, and, I may add, one of the coldest corners in the winter time. It has been declared that when the temperature registers fifty below in the city, it is sixty below at the corner of Portage and Main. However, we don't expect to experience that in September!

PLAN NOW

At night Portage Avenue is one of the most brilliantly lit avenues on the continent. This is attributed to the abundant hydro-electric power, supplied at rates among the lowest in the world. Viewing the Avenue on a misty evening, the myriad twinkling lights transform it into a veritable fairyland.

Four large and some forty small parks dot the city. The largest is Assiniboine Park, with an area of 300 acres straddling the Assiniboine River. The site was chosen for its natural beauty when the city bought it in 1910. The half-timbered pavilion with its tall tower is an impressive landmark. The zoo has both native and imported

King Edward Park Lily Pond

animals and birds. The city's most natural park is Kildonan Park. Here 98 acres, including towering elms that originally lined the Red River banks, have been cared for, beautified with lawns and equipped with a pavilion for picnics.

On the banks of the Seine River, east of St. Boniface, our sister city, is a unique and interesting shrine of Our Lady of Lourdes. The grotto is a replica of the world famous Grotto Lourdes, France. It is open to visitors.

TO SEE

The Civic Auditorium, situated in the heart of downtown Winnipeg, and constructed of native Tyndal stone, houses a fine museum. It is filled with relics of bygone years and offers the visitor a glimpse of early settlement days. Several species of wild animal and bird life are on display along with lifesize mountings of the great beast of the plains, the buffalo.

The seating capacity of the auditorium is approximately 4,000, and its stage has seen celebrities from every corner of the world. It is also the home of the Winnipeg Symphony Orchestra, which is gaining wide recognition under the able leadership of Mr. Walter Kaufmann.

WINNIPEG

The art lover must include a visit to the auditorium's art gallery. It is considered one of the finest in Western Canada.

Pavilian, Central Park

In touring the city, one should pay a visit to the interesting historical exhibit of the Hudson Bay Co. The museum is located on the fourth floor of the retail store. The display contains the finest private collection of its kind in Canada.

Visitors should not overlook the Legislative Buildings, standing in well kept grounds. The building is surmounted by its famed "Golden Boy." With his torch raised high and a sheaf of grain in his arm, he typifies the spirit of enterprise of the rugged country he surveys. The buildings sweep down on lovely lawns, picturesque flower beds, trim shrubs and into the heart of the city itself.

IN SEPTEMBER

Winnipeg is a tremendously sports-minded city. Every sport imaginable is played in Manitoba's capital. The city is widely known for its rugby team, the Blue Bombers, champions of Western Canada in 1950.

WINNIPEG—1951 CONVENTION CITY

The most outstanding winter sport is hockey. Many of the greats of the National Hockey League have had their beginnings on Winnipeg's playgrounds and corner rinks. Winnipeg junior hockey teams have won the emblematic Memorial Cup eight times since its inception.

Golf enthusiasts will find many beautiful courses to exhibit their abilities. Some of the public courses offer tricky fairways, unusual natural hazards, and smooth greens. The large, comfortable clubhouses afford a haven after a round of eighteen holes on a torrid day.

Racing fans will find plenty of excitement at Polo Park in September. The park includes an artificial pond surrounded by small shrubs and embankments of beautiful flowers. Graceful, white swans swim leisurely on the water, perfectly oblivious to the park's activities. The park is the home of many fine western bred horses, some of which have competed with the best thoroughbreds in the Dominion of Canada.

Technicians will be interested to know that Winnipeg is rapidly becoming a city of clinics. At the present time, there are approximately six modern clinics situated in the heart of the city. They are within several blocks of each other, making it very convenient for the visitor to tour them.

This brief resumé will provide the visitor with a casual glimpse of our fair city, but no mere words can be a satisfactory substitute for actual experience. So plan now to meet your fellow technicians from all over Canada at the Ninth Annual C.S.R.T. Convention at Winnipeg, September 12th to 15th.

The Focal Spot

Journal of the Canadian Society of Radiological Technicians

EDITOR
LESLIE J. CARTWRIGHT, R.T.

Volume 8 TORONTO SPRING 1951 *Number 2*

Editorial Comment

The entire society has experienced a deep sense of loss at the untimely death of our immediate Past President, Mr. Herbert M. Welch. Mr. Welch entered hospital on January 30th for an abdominal operation and was thought to be progressing favourably but at the end of March he suffered a relapse and passed away on March 24th.

His never-flagging efforts for the Society dated back to the days before the society existed as such. Extensive pre-organization correspondence resulted in his presence in Toronto in September 1943 at the organization meeting of the Dominion Society. However eight years previous to this the Alberta Society had been formed, its organization being largely due to his efforts. From the time of the first Dominion organization meeting in 1943 Bert did not miss a single convention and in the months between conventions he worked continually for the benefit of the Alberta and Canadian Societies.

We had hoped to have him with us for many years to come. His generosity and unselfishness were well known to all. To his many personal friends his loss is a blow from which we will never completely recover and is beyond the power of words to express. His lifelong friend, Mr. W. Q. Stirling, pays tribute to his character on another page of this issue.

The deepest sympathy of the entire membership is extended to Mrs. Welch, his children and grandchildren in this time of great sorrow.

JOINT A.S.X.T.-C.S.R.T. CONVENTION IN 1953

An important news item has just come through from the A.S.X.T. Convention in Philadelphia. The invitation of the C.S.R.T. to the American Society to hold a joint U.S.-Canadian Convention in Toronto in 1953 has been accepted. So we have to be right on our toes for the next 23 months to prepare to act as hosts to the A.S.X.T. in 1953 with a large registration from all over the continent. The Convention will be held at the Royal York Hotel, June 28th to July 4th, 1953.

Although the Editor has no very definite information it seems probable that we shall have the pleasure of receiving as an honoured guest the General Secretary of the British Society of Radiographers, Mr. Frederick Melville, at the Dominion Convention in Winnipeg in September.

Reams of correspondence have been passing back and forth between the Directors in recent months dealing with Life Membership, Reciprocity of R.T. qualifications with U.S. and Britain, the proposed joint U.S.-Canadian Convention in Canada in 1953, Technicians' standard training syllabus, C.S.R.T. representation with the Canadian Hospital Council. The results of these discussions will be announced at the Winnipeg Convention in September. With reference to this last-named matter our President, Mr. Wm. Doern, received an invitation to be present at the recent Canadian Hospital Council in Ottawa and a summary of the brief which he presented at that meeting is given on these pages.

CALLING ALL E.E.G. TECHNICIANS

The electroencephalographers are forming a society. All E.E.G. technicians interested in the interchange of technical information on this specialty are asked to communicate with Mr. Monte Wyand, Toronto Psychiatric Hospital.

EDITORIAL COMMENT

A letter has been received from one of our members, Miss Frances M. Oakes, 36 Cooper St., Ottawa, who is Principal Matron, R.C.A.F. Nursing Branch. Miss Oakes points out that radiographers are needed in the R.C.A.F., and that the rapid expansion now taking place should render these positions very desirable.

We are indebted to Miss M. Steski for the excellent description of the attractions of Winnipeg in this issue. We regret that through an oversight her name was not included in the title.

Dave Bradley, former Sub-Editor for Saskatchewan, spent a few hours in Toronto on June 9th on his return from Ottawa which he had been visiting on Air Force business.

We also had the pleasure of a few moments with our President, Bill Doern, who was trying to "do" the new 1,000 room Sick Children's Hospital in 20 minutes between planes on his return from the Canadian Hospital Council meeting in Ottawa.

Our appeal for more articles in the last issue was not particularly fruitful. Now that several provincial annual meetings have been held will our sub-editors and other officers please make extra efforts to secure those papers which are suitable for publication and send them in at once for the next issue. Incidentally, may we remind sub-editors and others that all material should be typed with double spacing.

Provincial Secretary-Treasurers as well as private *Focal Spot* subscribers are asked to note particularly that remittances covering *Focal Spot* subscriptions should not be sent to the Secretary-Treasurer of the C.S.R.T., but to the Business Manager of *The Focal Spot.*

Summary of Brief Presented by Wm. F. Doern, R.T., President and Official Representative of the C.S.R.T., to the Canadian Hospital Council Meeting, at Ottawa, May 28th-30th, 1951.

Mr. Chairman, Reverend Sisters, Ladies and Gentlemen:

REPRESENTATION

In the past, x-ray technicians have had little opportunity to bring their problems to the attention of hospital administrators. We feel that your kindness in inviting our organization to send a representative to your meeting offers an excellent opportunity to get together on many important problems.

The purpose of my talk is to acquaint you with the work of the x-ray technician and our technicians organization. I also wish to present for your consideration certain standards of personnel practice which we consider to be in the best interest of all concerned.

X-RAY TECHNICIANS

A competent x-ray technician is one who produces radiographs of high quality with the minimum of discomfort and danger to the patient, at the lowest possible cost to the employer.

This involves a thorough knowledge of the many requirements for the production of a good radiograph, a knowledge of anatomy from an x-ray point of view, first aid in the handling of the sick and injured, a reasonable amount of psychology, a thorough knowledge of protection from x-radiation and finally an appreciation of the construction and cost of the equipment and material he is handling.

PREFERENCE TO R.T.'s

The Radiographs, which the technician produces, supply the information upon which the radiologist makes his report as to the patient's condition. The amount of information provided by these radiographs is dependent upon their quality. There is therefore a definite relationship between the accuracy of the radiologist's report and the skill of the technician. Consistent accuracy enhances the value of the x-ray department and thereby increases revenue.

Many hospitals have direct proof that qualified technicians are much less costly because they had practically eliminated costly retakes and otherwise enhanced the value of their departments.

EDITORIAL COMMENT

It is also worthy of mention that institutions have been faced with costly and embarrassing lawsuits due to the incompetence of their x-ray operator.

Mr. Doern then dealt with the organization and present setup of the C.S.R.T., the Curriculum, Examinations and Certification. He then proceeded to:

POST GRADUATE ACTIVITIES

There is a member society in each Province. Monthly meetings are held by these local groups for the purpose of discussing technical papers and current problems pertaining to the work and interest of the x-ray technician.

TRAINING FACILITIES

We are at present training approximately 125 technicians each year. This should meet the increasing demand for qualified technicians, however, in view of the fact that the majority are women there is a very high mortality, due to cupid's activities. There are also a fair number migrating to the U.S.A. and consequently the actual yearly increase, in available technicians, is only about half this number.

FUTURE REQUIREMENTS

It seems reasonable to expect that the demand for qualified x-ray technicians will increase so long as the diagnostic and therapeutic value of x-rays keeps on increasing.

There are also many unqualified technicians who will eventually be replaced, so it may take several years before we catch up with the demand.

OFFICIAL JOURNAL

Our Official Journal, *The Focal Spot,* is owned by the Society. It is published quarterly in Toronto. It is operated by a Board of Technicians consisting of a President, who is also the Editor, a Business Manager and a Circulation Manager.

This very fine magazine publishes current information and ideas on matters affecting the science and practice of radiography and also serves as a medium of expression for the members of our Society.

There are several matters I would like to bring to your attention.

CO-OPERATION OF HOSPITALS

(1) The C.S.R.T. is most anxious for the co-operation of hospitals and their staffs, to assist in the training of x-ray technicians. If those hospitals which have ideal training facilities would take in a greater number of students it would help fill the present demand for qualified technicians.

(2) Recognition of International Congress of Radiology Recommendations

Wherever x-rays are used for diagnostic, therapeutic or commercial purposes, precautions must be taken to protect the operator from dangerous doses of radiation.

We ask your assistance in protecting the health of your x-ray technician by complying with the regulations recommended by the International Congress of Radiology.

These regulations are based on minimum requirements. Unless they are adhered to by those handling x-radiation, as full time employment, there may eventually be serious trouble in the form of permanent impairment of health.

These regulations are as follows:

(a) Not more than seven working hours per day.

(b) Not more than five days per week; off days to be spent as much as possible out of doors.

(c) Not less than four weeks holidays per year.

(d) Medical, general, and blood examinations twice a year.

(3) Emergency Service

May I also point out that there is a growing tendency among technicians to favor employment in x-ray offices and medical clinics. This is largely due to the fact that clinics and offices do not have after hour emergency x-ray service and are closed week-ends and holidays.

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SISTER MARY DAVID
Halifax Infirmary, Halifax, N.S.
SISTER MARY GERVASE
St. Mary's Hospital, 3839 Lacombe Ave., Montreal, P.Q.
SISTER MARY EILEEN, R.N.
St. Joseph's Hospital, Hamilton, Ont.
SISTER MARY IRENE
St. Mary's of the Lake Hospital, Kingston, Ont.
SISTER MARY LORETTO, R.N.
St. Joseph's Hospital, Victoria, B.C.
SISTER MARY OF MERCY
Western Hospital, Alberton, P.E.I.
SISTER MARY ROBERTA
St. Joseph's Hospital, London, Ont.
SISTER MARY OF THE ROSARY
St. Eugene Hospital, Cranbrook, B.C.
SISTER MARY ROSAIRE
Providence Hospital, Moose Jaw, Sask.
SISTER MARY ROSELINA
St. Martha's Hospital, Antigonish, N.S.
SISTER MARY OF THE SACRED HEART
Hopital Notre Dame de l'Esperance, Ville St. Laurent, P.Q.
SOEUR MAURICE ALPHONSE
Hotel Dieu de Sherbrooke, 158 Bowen Sud., Sherbrooks, P.Q.
SOEUR MICHEL DES SAINTS
Hopital St. Joseph, Trois-Rivieres, P.Q.
SOEUR MIRIAM OF THE SACRED HEART
Hopital St. Jean de Dieu, Gamelin, Laval, P.Q.
SOEUR MONIQUE DE ROME
Hopital St. Joseph du Precieus Sang, Riviere du Loup, P.Q.
SISTER OMER MARCEL
Lewis Memorial Maternity Hospital, Chicago, Ill., U.S.A.
SISTER ROSE MARIE, R.N.
St. Joseph's General Hospital, Little Current, Ont.
SISTER SANFORD
Hotel Dieu, Chatham, N.B.
SISTER STANISLAUS
Hotel Dieu Hospital, Tracadie, N.B.
SISTER STELLA MARIE
Mont Ste Anne Hospital, Lachine, P.Q.
SISTER ST. ALBERT
Hopital St. Francois d'Assise, Quebec, P.Q.
SISTER ST. ALBERT
St. Louis Hospital, 459 Main St., Berlin, New Hampshire, U.S.A.
SISTER STE BERENICE, S.M.
Misericordia Hospital, 531-86th St., New York 28, U.S.A.
SISTER ST. BRUNO
Hopital St. Joseph, 69 Marie St., Rimouski, P.Q.
SISTER STE CATHERINE
Hopital St. oJseph de Granby, Granby, P.Q.
SISTER ST. CYPRIEN
Hopital General des Soeurs Grises, 1190 due Guy, Montreal, P.Q.
SISTER ST. GABRIEL, R.N.
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Misericordia Hospital, Winnipeg, Man.
SISTER ST. IRMA
Hopital Youville, Noranda, P.Q.
SISTER ST. KYRAN
St. Joseph's Hospital, Winnipeg, Man.
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Holy Cross Hospital, Calgary, Alta.
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ELSEY, ARTHUR
C.I.L., 80 Richmond St., Toronto, Ont.
ENNS, D.
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Philips Industries, Ltd., Winnipeg, Man.
GENERAL ELECTRIC
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HAMBLIN, GORDON
Canadian Kodak Sales, 3916 West 33rd Ave., Vancouver, B.C.
JACKSON, GEORGE
Picker X-ray, 3443 St. Denis St., Montreal, P.Q.
LEWIS, H. H.
4115 St. Catherine St. W., Montreal, P.Q.
McHENRY, ERNEST
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McLEAN, HARRY
X-Ray & Radium Ind. Ltd., Toronto, Ont.
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Hopital Maison de la Providence, 2311 St. Catherine St. E., Montreal, P.Q.
PEARCE, ALICE
Grace Dart Home Hospital, 68 Sherbrooke St. E., Montreal, P.Q.
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17 King and Garden Road, Toronto 18, Ont.
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C.S.R.T. Radiologist Membership

MALLETT, DR. M.
540 Tegler Bldg., Edmonton, Alta.

EDITORIAL COMMENT

continued from page 77

Hospitals on the other hand require twenty-four hour coverage, seven days a week including holidays.

This trend could be offset to a great extent if more hospitals saw fit to compensate their technicians for these unpopular overtime duties.

SUMMARY

Finally may I suggest that all hospitals desire the best in x-ray technic just as they desire the best in surgery or medicine.

It is therefore in the best interests of the patient, the referring physician and the institution to employ members of the Canadian Society of Radiological Technicians, the only technicians in Canada approved by the Canadian Association of Radiologists.

On behalf of the Canadian Society of Radiological Technicians, I thank you very much for the privilege of acquainting you with our work and our problems.

You are men and women who make provision, not only for the present, but for the future. May we ask you to encourage this new profession in your midst? Employ only qualified technicians. Adhere to the working conditions recommended by the International Congress of Radiology.

Here is an opportunity for you to contribute to the future of Canada by the encouragement of research and educational advances in your own x-ray department.

The Canadian Society of Radiological Technicians stands ready to assist you in further study of this increasingly important phase of hospital service.

Thank you.

C.S.L.T. Convention, Winnipeg, June 24-27

All interested in laboratory work are cordially invited to attend the national convention of the Canadian Society of Laboratory Technologists. A fine program of scientific and technical exhibits has been planned. Full information may be obtained from Miss Miriam Wiseman, Municipal Hospital, Winnipeg, Manitoba.

News Items from the Provinces

NEW BRUNSWICK SOCIETY OF X-RAY TECHNICIANS

The regular meeting of the New Brunswick Society of X-ray Technicians was held at the Moncton City Hospital on April 28th, 1951, with Mr. William Beatteay presiding.

The minutes of the last meeting were read and approved.

The treasurer's report showed a bank balance of $694.03.

Correspondence included a letter from Mr. Stirling, Secretary-Treasurer of the C.S.R.T., in which he stated that Reciprocity had been passed. Another letter from Miss Skeski was read in which she urged all technicians to attend the Annual Convention of the C.S.R.T. to be held in Winnipeg in September. The programme committee reported progress in making arrangements for our Annual Meeting in May. A discussion concerning the Annual Meeting to be

held in Fredericton followed. It was moved by Darrell Liston and seconded by Paul Nadeau, that the registration fee be $2.50. Motion carried.

Two resolutions were passed to be submitted to the Resolutions Committee.

Resolved: 1. That the name on C.S.R.T. card appear as REGISTERED MEMBER rather than ORDINARY MEMBER.

2. That the treasurer be notified the amount due the C.S.R.T. per each registered member and the amount due the manager of the Focal Spot per each member desiring the Focal Spot.

It was decided that the Annual Meeting of the N.B. Society be held on June 2nd, 1951, at the Lord Beaverbrook Hotel, Fredericton.

A certificate was presented to Helen McKinnon, a registered member of our society. The meeting then adjourned.

Dr. E. W. Ewart gave an interesting talk on the radiological aspect of Orthopedic Surgery. On behalf of the Society, Sister MacKenzie extended a vote of thanks to Dr. Ewart for his informative talk.

Refreshments were served by the Staff of the Moncton Hospital X-ray Department. A social half-hour was then enjoed by all.

—MARY HOWES, R.T.,
Sub-Editor.

ELEVENTH ANNUAL MEETING

The New Brunswick Society of X-Ray Technicians held their annual meeting on June 2nd, 1951, in Fredericton with 25 delegates attending.

Mayor H. S. Wright, Fredericton, was the guest speaker. In his address, Mayor Wright urged the technicians to spend their leisure hours in forming clubs for delinquent and underprivileged children.

William Beatty, Lancaster Hospital, Saint John, was re-elected President at the annual meeting and other officers are: Vice-President, Rev. Sister McKenzie, Hotel-Dieu, Chatham; Secretary, Miss Thelma Amos, St. Joseph's Hospital, Saint John, and Treasurer, Paul Nadeau, Saint John Tuberculosis Hospital. Additional members to the executive are Deryl Liston, Lancaster Hospital, and Miss Virginia Stevens of the Jordan Memorial Sanatorium, River Glade.

Miss Clare-Marie McGrath, St. Joseph's Hospital, Saint John, read a paper at the sessions on "The Lateral Decubitus Position." The paper was followed by a display of films demonstrating the different examinations in which the lateral decubitus position is of value. Mr. William Wilce, General Electric X-Ray Corporation representative, showed a movie illustrating the advances of x-ray from the time of its discovery in 1896 to the present day.

Mr. J. A. L. Johnson, Eastman Kodak representative, showed movies outlining the processes carried out in the preparation of x-ray supplies. A tour of the Victoria Public Hospital was conducted by Mr. Robert Eardley of the Picker X-Ray Corporation.

Following the banquet a talk on "Bone Tumors" was given by Dr. Farrell, radiologist at Fredericton. The talk was illustrated with interesting x-ray films.

Six Technicians Complete their Two Year Training Course

Four technicians from Saint John and two from Moncton joined with the nursing class in commencement exercises. The annual graduation banquet and dance was held in each city in honor of the graduates.

Those graduating from St. Joseph's in Saint John were, Miss Joyce Flood, Miss Margaret Fitzgerald, Miss Agnes Foley and Miss Althene McConnell, who received her diploma "in abstenia." Miss McConnell is studying clinical photography at the Toronto General Hospital. She was awarded the prize for highest aggregate, donated by Dr. E. A. Petrie.

At Moncton Miss Elizabeth McElroy and Miss Barbara Charman represented the radiographers in the nurses' graduation there.

—CLARE-MARIE McGRATH, R.T.,
Sub-Editor.

NOVA SCOTIA SOCIETY OF RADIOGRAPHERS

A meeting was held at the Halifax Infirmary at 8.00 p.m. Friday, March 9th. A short, scientific film, "Electrons," was loaned for the occasion by the Film Library of the Department of Education. This showed and explained in a very clear manner, numerous experiments in the conduction of electricity through liquids, gases, and vaccum. It demonstrated the ionization of air by x-rays, causing the discharge of an electroscope, and other phenomena of interest to student technicians. Another short film, "Heritage," gave the story of Canada's wheatfields, which was in keeping with the location of the next C.S.R.T. Convention.

At the business session, the Chairman was Mr. Maurice Zwicker, R.T., Vice-President. Mr. Albert Perry, Bridgewater, gave a report as representative of the C.S.R.T. Board of Directors, reviewing a number of matters that have been placed before the Board since the last Annual Meeting. The Secretary reviewed corrspondence regarding new membership and examination regulations. The Treasurer, Miss Ingraham, who had come in from Wolfville, reported that twenty-four members had paid up to date, dues for these had been forwarded to the C.S.R.T. Registrar, and second notice ssent to the remaining members.

The rest of the meeting was concerned with suggestions for the program of the Annual Meeting in June, which the Cape Breton section is convening.

What is there about coffee cups—some magic that sets free the flow of ideas and conversation? Probably more was accomplished after the meeting, during the refreshment period, than during the formal session. Three newcomers were welcomed, Miss June Johnston, graduate of Newton-Wellesley Hospital, Massachusetts; Mr. Norman Harding, commencing training at the Naval Hospital, and Miss Barbara Morton of Victoria General Hospital. Technicians were present from eight hospitals: Camp Hill, Victoria General, Naval Hospital, Children's Hospital, Halifax Infirmary, Nova Scotia Hospital (Dartmouth), Dawson Memorial (Bridgewater) and Eastern Kings Memorial (Wolfville)—a very good representation. The next meeting will be held at the Infirmary on April 5th, with the Navy technicians, Mr. Austin Singer and Mr. Robert Jones, responsible for the technical programme, initiating a new schedule of monthly meetings with a group from one hospital putting on the programme each month.

Halifax technicians met at the Infirmary on Thursday, April 5th, at 8 p.m., Provincial Vice-President Maurice Zwicker in the chair. After the reading of the Minutes and Reports, the tentative programme for the Annual Meeting was reviewed, as drawn up by members of the Cape Breton Branch who are convening the program. We are looking forward to this meeting, June 12th to 14th, in Antingonish—the first time that it has been held in that vicinity. We are fortunate in having the use of a beautiful auditorium at St. Francis Xavier University. It is hoped that a large attendance will be made possible by the central location of the meeting-place. All technicians and Superintendents in Nova Scotia, Prince Edward Island and Newfoundland will be sent notices, and we hope too, to have a few friends from the New Brunswick Division attend, although their own meeting will, of course, come first.

Our first speaker of the evening was Surg. Lt.-Cdr. John Fleming, the Radiologist at the Naval Hospital here. The Doctor spoke on "Consumption and Conservation of Films"—giving a brief history of the increase in consumption of x-ray film and some very useful pointers in conservation. This was followed by an explanation of complete procedure for Intravenous Pyelography, by Austin D. Singer, R.T., of the same hospital. It was quite a novelty to most of us, to see the 5 and 10-minute views done on 10x12's crosswise, to take in the kidneys only. With compression, the dye does not reach

a lower level at that time, so the theory is that one might save considerable film by this method. This was a point following up Dr. Fleming's suggestions.

Informal discussion followed the technical program. A new member was welcomed—Mr. Ward, recently transferred to H.M.C.S. "Shearwater" here, from Esquimalt, and filled with B.C. enthusiasm. We were pleased to hear that Norris Myke is well again and going back to duty at Camp Hill.

The next meeting will be Wednesday, May 2nd, and the Camp Hill x-ray staff will arrange the program.

A letter has been sent to the Administrator of each hospital, announcing the convention, asking for leave of absence and just hinting that some of the hospitals have, in the past, even defrayed the expenses of their technician to the meeting. We have stressed the value of being abl to discuss your technical problems with others well versed in the art and science of radiography—and the contribution that you can no doubt make towards helping others solve their radiographic problems, etc. It was mentioned, too, that an important item on the agenda is the new curriculum of studies, a step towards "Approved Training Schools," which will eventually mean that the "R.T." will be as sure a guarantee of quality as the "R.N." is now recognized to be.

The technical program includes about fifteen speakers on various useful topics related to our work. We are also expecting representation from the Nova Scotia Medical Society, the Canadian Association of Radiologists, the Maritime Hospital Association, and the x-ray and film supply firms.

The Annual Dinner will be held at the Royal George Hotel, Antigonish, at 6.30 p.m., Wednesday, June 13th, followed by the Annual Business Meeting.

CAPE BRETON FILING SYSTEM

When asked how she managed her large file of "Mac- and Mc-" names, a good technician from a Cape Breton Hospital explained a unique adaptation of the card-file. "We could never keep track of them by putting all 'Mac-' cards together, so we place the 'MacA-' back of the 'A' file, the MacB-' back of the 'B' and so on through the alphabet. Even then, it is a problem and we have to be sure to get the complete first name, middle name, and any extra information." Perhaps no other area has just this problem, but it is an interesting solution, don't you think?

Technicians who have occasion to use Mimeograph or Gestetner stencils for programmes, class material, etc., will be pleased to know that for handwriting, drawing or ruling, a Ball-Point Pen is much better than a stylus. It works equally well with or without ink in it, its advantage being that it does not tear the stencil fabric.

—SISTER EDMUND CAMPION, R.T.,
Sub-Editor.

CAPE BRETON BRANCH

The Cape Breton Branch of the Nova Scotia Society of X-Ray Technicians met at St. Joseph's Hospital, Glace Bay, on the 29th of January, ten members being present.

The meeting was called to order by the President, who reported on films to be shown at some later meetings. These films are educational and should prove interesting to the members.

In the absence of so many of our members, due to stormy weather, no business was transacted at the meeting. However, the small get-together was much enjoyed. Sister John of the Cross expressed her thanks on behalf of the technicians to the retiring officers, Mrs. Greta MacPherson and Mr. Murdock MacLean, for the splendid job they had done for the Society during the past year. Mr. MacLean has taken on a bigger job this year as President of the Nova Scotia Society, while Mrs. MacPherson is retiring from active x-ray work. Mrs. MacPherson replied very fittingly saying she enjoyed working with technicians and would continue to attend our meetings, as she was keenly interested in the Society.

The meeting adjourned at 9.30 p.m. and a delicious lunch was served by the Hospital Staff.

—SISTER FLORENCE ANNETTE, R.T.,
Sub-Editor for Cape Breton.

ONTARIO SOCIETY OF RADIOGRAPHERS

EASTERN SECTION

The Spring Meeting of the Eastern Section of the Ontario Society of Radiographers was held at Brockville on May 21st, 1951, at 3.30 p.m., with an attendance of 38 members.

Mr. H. A. Clarke was in the chair assisted by Miss Ada Geldert, who kindly substituted for the Secretary-Treasurer in her unavoidable absence.

The minutes of the previous meeting held in Ottawa, in November, 1950, were read. It was moved by Mr. Kenneth Hall and seconded by Miss E. Clarke that they be adopted. There was no new business arising out of these minutes.

Miss Marguerite Bolster, R.N., R.T., from the Ontario Cancer Foundation, Kingston, opened the educational programme with a paper entitled "Tumour Dose Calculation." This was a very thought-provoking paper, as it led to the discussion of the advisability of a separate training course for therapeutic technicians, which in turn brought up the point as to whether or not there should be a distinction made known between x-ray technicians and therapeutic technicians who have no training in the actual procedures of taking x-rays. This matter is really something for a much wider scope of thought than just our own immediate local Society, and it is hoped that more information on this subject will be available at our Fall meeting.

Dr .W. R. Lacroix, Department of Veterans' Affairs, Sunnybrook Hospital, Toronto, gave an excellent address on "Radiography of the Colon." His talk was illustrated by many very exceptional and distinctive x-ray films.

Two movies were shown. First—"Radiography of the Cervical Spine," by the courtesy of the Department of Veterans' Affairs, Sunnybrook Hospital, Toronto, and the second one, entitled "Inside Cover," through the kindness of the Canadian Kodak Company, Toronto. This latter one made us realize the detailed work involved in the making of x-ray films.

It was very gratifying to see such an excellent turnout at this meeting, and it is hoped that we can do as well, or better, next time we meet.

A delightful tea served at the conclusion of the meeting brought a very interesting afternoon to a close.

—H. A. CLARKE, R.T.
Chairman (Eastern Section).

CENTRAL SECTION

The first 1951 Central Section meeting of the Ontario Society of Radiographers was held on February 21st at the Nurses' Residence of St. Joseph's Hospital, Hamilton, followed by a conducted tour of the new x-ray department.

The meeting was brought to order by Miss Milne, who introduced Dr. C. D. Hess, radiologist of St. Joseph's Hospital and the Medical Arts Bldg. Dr. Hess welcomed the technicians to his department and hoped they would both enjoy and benefit from the meeting.

Mrs. Mary Cameron was then introduced and spoke on "The Skull as I See It." Mrs. Cameron's paper consisted of extracts from a series of refresher lectures prepared by her for the American Society of X-Ray Technicians' Convention in Philadelphia on June 1st. From what Mrs. Cameron showed us in Hamilton your writer feels certain that she is going to be a great credit to Canada and the Ontario Society of Radiographers when she hits Philly with her lectures and superb slides. Congratulations, Mary, and thanks from all of us.

Dr. Frank M. Scott was then introduced and spoke on "The Orthopedic Viewpoint of the Radiograph." He proceeded to point out many of the views and details, both in his talk and through the aid of films, which an orthopedic specialist looks for and is aided by.

Miss Milne then introduced Mr. Bill Allen of the Niagara Peninsula Sanatorium. Bill spoke

on "Radiographic Technique of Shaver's Disease." For those who do not know the Niagara Peninsula Sanatorium, it might be well to mention that Dr. Shaver is the radiologist. Bill explained how, through the efforts of Dr. Shaver, this disease was recognized and how the technicians can be of great assistance by recording techniques, particularly in chest work.

After a very entertaining movie, we proceeded to the x-ray department for the tour. Their new department is a credit to the Sisters and the hospital. During the tour, which was broken up into several groups, Dr. Hess went to great lengths with each group to explain the radiographic demonstration of Smith-Petersen procedure. Thanks, Dr. Hess, for the time you spent with this body of Ontario Technicians. I am sure they all enjoyed it most heartily.

Back to the residence for coffee and lunch flavored with abundance of merry and educational chit-chat.

A hearty vote of thanks to Dr. Hess, the Sisters and Staff of St. Joseph's Hospital, Hamilton.

A Central Section meeting was held at the Nurses' Residence of the Greater Niagara Hospital, Niagara Falls, on May the 19th.

Several of the technicians met at the Parks Commission Golf Course earlier in the afternoon and spent an enjoyable few hours in the fresh air trying to hit a little white ball.

Mr. W. Johnston, the chairman, opened the meeting with a few words of greeting and introduced the speaker, Dr. A. G. Strang. Dr. Strang spoke on "Carcinoma of the Colon" and throughout his talk showed many fine x-ray examples. He illustrated the need for multiple plates in various positions.

Mr. Geo. Roberts, of the Douglas Memorial Hospital, Fort Erie, then spoke about "Radiography in the Battlefield." He told of how casualties were handled and of some of the difficult cases that had to be x-rayed with light portable units. Some of the handicaps encountered were great but they always seemed to a find a way. I am sure many of the technicians who listened to George will think twice before they say, "How can you get a picture on that patient?"

We were then treated to an excellent movie called "Inside Story," produced by the Eastman Kodak Co. It was a color movie dealing with all of the phases of producing solutions and x-ray film. It is a very complicated and intricate business and because of the small attendance at this meeting I think it would be well worthwhile to try and have it shown at some future meeting so that more of the technicians may see it and have some idea of the work and care that goes into the making of the material they use.

Dr. Bickle then reviewed further films of carcinoma of the colon that were not available when Dr. Strang was giving his paper. Dr. Bickle again stressed the importance of multiple positions.

The Ladies' Auxiliary then served refreshments that were heartily enjoyed by all. To them a vote of thanks. During the many discussions following the refreshments, Dr. Bickle made the rounds saying hello to all of the visiting technicians.

The attendance at this meeting was nineteen; this is not good enough. A sparse three or four from Toronto. To those who did not attend, it was very enjoyable, very interesting, a worthwhile meeting; the loss is yours.

—MARK TRILLER, R.T.,
Sub-Editor.

(*Continued on page* 92)

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ONTARIO SOCIETY OF RADIOGRAPHERS

CONVENTION NOTICE

The Executive Committee of the Ontario Society of Radiographers is pleased to announce that final arrangements have been made to hold a joint convention with the X-Ray Technicians' Society of New York State on Friday and Saturday, October 12th and 13th.

Special committees have been appointed from each society to ensure an excellent programme. An appeal is made to every member to share in the preparations for this annual event.

(1) Technical Papers—There is plenty of time between now and October to prepare one.

(2) Film Exhibits—An excellent way to take an individual part in your convention; also a profitable one should your exhibit be chosen as one of the winners.

(3) Courtesy—If you receive a questionnaire or letter from your committee, please answer it. This is the only way they can decide on and arrange hotel accommodation, dinners, luncheons, refresher courses, entertainment, view boxes, etc.

(4) Registration—Make arrangements with your department NOW to be away for that Friday and Saturday.

As all papers and exhibits will be judged together, we shall be competing for honours with the American members. This should provide an incentive toward a topnotch job.

This meeting will be the first joint convention with one of our neighbouring societies and a forerunner of a similar meeting between our two parent societies. For this reason, every x-ray technician in Ontario should put forth a supreme effort to achieve a standard unsurpassed in the history of the O.S.R.

Time—Friday and Saturday, Oct. 12th and 13th, 1951.

Place—Hotel General Brock, Niagara Falls, Ontario. Make reservations NOW. Daily rates —Canadian Funds. Double room, double or twin beds (Falls View), $11.00, $11.50, $12.00, $16.00; (without Falls View), double bed, *$7.50, *$8, *$8.50, $9, $9.50, $10. *Connecting shower.

Participants—The X-Ray Technicians' Society of New York State, Inc.

O.S.R. Committee—Chairman, Miss Jane Martin, R.T., 250 Main St. E., Hamilton, Ont.; Programme and Entertainment, Mr. Herbert Ralston, R.T., St. Catharines General Hospital; Treasurer, Mrs. Gladys MacVicar, R.T., Victoria Hospital, London, Ont.; Social Convener, Miss Ernestine Chiasson, R.T., C.N.R. Medical Clinic, Toronto, Ont.; Publicity, Mr. David C. Sage, R.T., 250 Main St. E., Hamilton, Ont.

If you are preparing a technical paper please contact Herb Ralston, above address. If you are preparing an exhibit please contact Edith Champness, Niagara Falls General Hospital.

DAVID SAGE,
Publicity Chairman.

NEWS ITEMS FROM THE PROVINCES

FORMULATING X-RAY TECHNICS

The Ontario Society has acquired a limited quantity of copies of the book "Formulating X-Ray Technics" by John B. Cahoon, Jr., R.T., President of the A.S.X.T. and Technical Instructor at Duke University, Durham, N.C. This book probably has more technical information per square inch than any other in existence and is invaluable to students and graduates alike. The Ontario Secretary, Mr. A. Stechyshyn, General Hospital, St. Catharines, Ont., will be glad to mail a copy anywhere in the Post Union on receipt of remittance of $2.50.

The annual meeting of the O.S.R. will be held at the new Sick Children's Hospital, Toronto, at 4 p.m., Saturday, June 30th. Election of officers will take place and arrangements for the October N.Y. State-Ontario Joint Convention will be discussed. At 8 in the evening a technical meeting will be held in the hospital auditorium, followed by a tour of the new x-ray department. Among other speakers will be Mrs. Mary Cameron, who will give a description of her recent visit to the Philadelphia A.S.X.T. Convention.

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Members wishing to purchase either C.S.R.T. Lapel Pins or Rings should now first apply to the Society Registrar, Miss K. Creelman, R.T., City Hospital, Moncton, New Brunswick, for a purchase authorization certificate. This certificate, together with a money order covering cost of purchase (please make small allowance for postage, etc.) should be sent direct to the jewellers:

Please note that the cost of the Lapel Pins is now two dollars ($2.00) instead of the former two dollars and fifty cents ($2.50).

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QUEBEC SOCIETY OF X-RAY TECHNICIANS

A general meeting of the Quebec Society of X-Ray Technicians was held on March 10th, at St. Luke's Hospital, Montreal. We were welcomed by Mr. Camille Picard, technician of that hospital, and were greatly interested in their very modern x-ray department. The dark room particularly intrigued us, its dominating colour being red. We all felt it would be stimulating to work in such a bright and unusual dark room.

Dr. Louis Yvon Vallee, Radiologist of that hospital, gave an address on "Urgence et Radiologie." Mr. George Wilkinson of the R.V.H., spoke on "Distortion" and showed us some interesting films which he had done as an experiment.

Plans are now being made for our Annual Convention in May.

The death of Mr. Herbert Welch came as a great shock to the officers and members of the Quebec Society and they would like to take this opportunity of extending their deep sympathy to Mrs. Welch and his children.

TENTH ANNUAL MEETING

The Tenth Annual Meeting of the Quebec Society of X-Ray Technicians was held in Montreal, May 12th. The morning and afternoon sessions were held at Queen Mary Veterans' Hospital. Dr. Jules Mercier, Senior Treatment Medical Officer, D.V.A., Montreal District, gave the address of welcome in French and Dr. G. T. Adams, Radiologist-in-Chief, Queen Mary Veterans' Hospital, welcomed us in English.

Mr. John Brodie, R.T., of the Royal Victoria Hospital, gave a very interesting paper on "Anode-Heel Effect."

Miss Marion Wheeler, R.T., of the Children's Memorial Hospital, spoke on "Positioning in Child Radiography," followed by a paper, "Tomographie Pulmonaire," given by Miss Claire Belanger, R.T. At this time a short recess was held and we adjourned for coffee and biscuits.

Mr. Donald Fisk, R.T., of Queen Mary Veterans' Hospital, then gave a very interesting paper on "Hip Pinning."

At noon we gathered at La Petite Chaumiere for an informal luncheon. Dr. Jean Bouchard of the Royal Victoria Hospital was our guest speaker and gave a preview of things to come in the x-ray world. The Reverend Sisters of our Society were entertained at a luncheon at St. Mary's Hospital, the guest speaker being Dr. Paul Simard.

At 1.30 p.m. we gathered at the hospital again for our afternoon session, the first speaker being Dr. Wolfe Light, radiologist of that hospital, who spoke on "Intravenous Pyelography."

Dr. J. W. McKay, Director of the Department of Radiology, Montreal General Hospital, spoke on "The Anatomy and Physiology of the Heart and Lungs Applied to Roentgen Technique" and proved by films the importance of lateral films of the chest.

Dr. Albert Jutras, Radiologist of Hopital Hotel-Dieu, gave an illustrated lecture on "La Bulle Aerique de L'estomac Comme Moyen de Radiodiagnostic."

A short business session followed. Our new officers for the coming year are as follows:—

President, Miss Germaine Violette, R.T.
Vice-President, Miss Marion Smith, R.T.
Sec.-Treasurer, Miss Rose Campagna, R.T.
Registrar, Miss Verna Petrie, R.T.
Exec. Committee, Miss Germaine Perry, R.T.

At seven o'clock we met again in the Oak and Blue Rooms of the Windsor Hotel for a cocktail party preceding the banquet. A pleasant hour was spent meeting new acquaintances and renewing old ones.

A very successful and enjoyable day was brought to a close by an inspiring address from Mr. Joseph McCulley, M.A. (Oxon.), Deputy Commissioner of Penitentiaries, the title being "No Final Answer." Our sincere thanks go to the following companies for their financial help in making our Convention a success:—

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Canadian Industries Ltd. (Plastics Div.).
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Kodak Sales Ltd.

—EDWINA BOA, R.T.,
Sub-Editor.

NEWS ITEMS FROM THE PROVINCES

LA SOCIETE DES TECHNICIANS EN R.X. DE LA PROVINCE DE QUEBEC

Le 2 décembre dernier nous avions notre assemblée régulière à l'hopital Ste Justine. La Rev. Sr. Jeanne de L'Immaculée, R.T., nous souhaita la plus cordiale bienvenue et présenta le conférencier, le Dr. Marc DelVecchio. Le sujet de sa causerie fut les "IRRADIATIONS INCONNUES," une courte réunion d'affaire suivi, plus un délicieux gouter fut servi, nous disons Au-Revoir et merci aux religieuses de L'Hopital de Ste Justine aprées avoir visiter leur beau et spacieux département.

Toutes nos félicitations a notre Directeur du département de Radiologie le Dr. Albert Jutras a qui la France vient d'accorder "Les Palmes Academi ques."

Egalement félicitations sincères au Président Honoraire de la Société des Techniciens en R.X. de Quebec le Dr. Jean Bouchard Radiologiste à l'Hopital Royal-Victoria pour sa nomination comme Professeur à L'Université McGill.

Il ne faut pas passer sous silence la nomination du Dr. Marcel Longtin a la direction du service de Radiologie de l'Hotel-Dieu de St Jérome félicitations bien sincères.

Le 26 janvier 1951 fut tenue la 3ieme assemblée régulière des Techniciens à la salle Ciba. Nous étions les invités de la C.I.L. M. A. Elsey fut un Hote parfait.

Mlle Thérèse Blain, R.T., nous parla d'un sujet bien connu "Thérapie de Contact."

M. Roy Granger fit déroulé un film en technicolore sue le Nylon. M. Simpkins R.T. fit la distribution des Certificats aux heurex Candidats de novembre dernier, félicitations et bienvenue aux nouveaux Membres. Un excellent gouter nous fut servi, ce fut des plus agréable M. Elsey gros merci a vous et la C.I.L.

La dernière assemblée régulière de l'année fut tenue à L'hopital St-Luc le 10 mars dernier. Le conférencier fut le Dr Louis Vallée Radiologiste. Le sujet traité fut "Urgence et Radiologie."

M. G. Wilkinson R.T. fit une courte causerie sur le "Vrai ou Faux." Nos remerciements vont au Dr. Vallée et a M. Picard R.T.

De passage à l'Hotel-Dieu Sr Hélene du Sauveur des Srs Grises d'Ottawa nous fit le plaisir d'une visite, toujours la bienvenue Sr Hélène du Sauveur.

Nous avons appris avec un profond regret la mort de M. Bert Welch R.T. ancien Président de la C.S.R.T. nos plus sincères condoléances a Madame Welch ainsi qu'à sa famille.

La dixième réunion annuelle des Téchniciens en Rayons-X a eu lieu toute la journée durant, samedi le 12 mai 1951. Les séances Techniques se sont déroulées à l'Hôpital des Anciens Combattants, Chemin de la Reine-Marie mais se termina par un diner à l'Hotel Windsor.

Les docteurs Jules Mercier, officier médical, et G. T. Adams, radiologiste en chef, qui souhaitèrent la bienvenue aux membres. En matinée la séance était présidée par la Révde Sr. Carrier, R.T., à la direction du service de Radiologie à l'Hôpital d'Artabaska. L'après-midi par Mlle J. Verna Petrie, R.T., de l'Hôpital Général, Montréal, division ouest.

En matinée quatre techniciens ont présenté des Travaux:

Mlle Claire Bélanger, R.N., R.T., a fort intéressé les auditeurs par certains aspects de la tomographie pulmonaire.

M. John Brodie, R.T.—"Radiography, Anode Heel Effect."

Miss Marian Wheeler, R.T.—"Positioning in Child Radiography."

M. Donald Fisk, R.T.—"Hip-Pinning."

Au déjeuner qui a eu lieu à La Petite Chaumière, Côte des Neiges, le Dr. Jean Bouchard a précisé que le Canada prenait un role nouveau dans la science radiologique, en ce sens que nos usines atomiques ont déjà mis à la disposition de deux hopitaux des appareils de Rayons-X dont l'energie ne provient plus de l'électricité mais du Cobalt 60 dont la radioactivité est intense. L'energie atomique est maintenant au service du bien. Cette découverte appelée au plus grand retentissement est un prélude à des applications scientifiques exceptionnelles. En même temps à l'hôpital St. Mary's, rue Lacombe, un déjeuner fut servi pour les Révérendes Soeurs. Le conférencier invité était le Dr. Paul Simard.

Dans l'après-midi trois radiologistes éminents, les Drs. Wolf Light, J. W. McKay et Albert Jutras présentèrent des travaux particuliers afin de mieux renseigner les techniciens sur les

modalités de certains examens faisant ansi comprendre combien il est essentiel que techniciens et radiologistes parlant le même langage. Le Dr. Light, radiologiste à l'Hôpital des Anciens Combattants nous parla sur la "Pyélographie Intraveineuse." Dr. J. W. McKay, directeur du Service de Radiologie de l'Hôpital General de Montréal. L'Application de la technique radiologique à l'anatomie et la physiologie du coeur et des poumons.

Dr Albert Jutras, radiologiste à l'Hôpital Hôtel-Dieu nous intéressa vivement sur "La bulle aérique de l'estomac comme moyen de radiodiagnostic."

Les rapports des assemblées tenues au cours de l'année furent lus, suivi du dépouillement des votes pour l'élection des nouveaux officiers qui sont pour l'année 1951-52.

Présidente: Mlle Germaine Violette, R.N., R.T., de l'Hôpital Hôtel-Dieu.

Vice-présidente: Miss Marion Smith, R.N., R.T., Abestos Mines, P.Q.

Sec. trésorière: Mlle Rose Campagna, R.N., R.T., Montréal, Que. Service d'urologie Hôtel-Dieu.

Régistraire: Miss Verna Petrie, R.T., de l'Hôpital Général de Montreal (div. ouest).

Comité exécutif:

Miss Agnes Muirhead, R.T., de l'Hop. Général de Montreal (div. centre).

Mlle Madeleine Archambault, R.T., de l'institut Bruchésie.

M. Albert Cheffins, R.T., de l'Hôpital des Anciens Combattants.

"Focal Spot" sub-editors: Mlle Alice Paquin, R.N., R.T., Miss Edwina Boa, R.T.

M. Albert Cheffins finissant son terme d'office, remercie les membres de la Société des Techniciens Rayons-X de la Province de Québec pour leur co-opération au cours de l'année ainsi que les compagnies qui ont contribués de toutes façons à l'entrainement des techniciens et ainsi à l'assemblée annuelle du 12 mai 1951.

Un coquetel fut servi avant le diner. Le conférencier invité était M. Joseph McCulley, M.A., qui nous fit une causerie très intéressante sur la réhabilitation des prisoniers.

Il me fait plaisir d'annoncer les fiançailles de M. Camille Picard, R.T., de l'Hôpital St. Luc de Montréal à Mlle J. Choinière. Le mariage aura lieu au début du mois de juillet; félicitations. Meilleurs voeux et du bonheur pour vous deux.

—ALICE PAQUIN, R.N., R.T.,
Sub-Editor.

SASKATCHEWAN SOCIETY OF X-RAY TECHNICIANS

EIGHTH ANNUAL MEETING

The annual general meeting of the Saskatchewan Society of X-Ray Technicians was held at Regina on May 24th. In his valedictory speech the retiring President, Mr. S. G. Johnston, stated that the membership of the society was steadily increasing. He also mentioned that matters to be discussed at the meeting included the payment of fees of members joining the armed forces, x-ray technicians and unions in which Mr. P. E. Hunt led the discussion, x-ray technicians and first aid from radiation injuries in the event of an atomic bomb raid, and whether Saskatchewan Society should become a C.S.R.T. Division. Unfortunately at the time of going to press we have not received a full report of the meeting so are unable to give the results of these discussions, nor an account of the technical papers and entertainment.

Editor, *The Focal Spot.*

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